

Department of State

§ 121.4

subject to the EAR (*see* § 123.1(b) of this subchapter).

* * * * *

CATEGORY XVI—NUCLEAR WEAPONS RELATED ARTICLES

(a) [Reserved]

(b) Modeling or simulation tools that model or simulate the environments generated by nuclear detonations or the effects of these environments on systems, subsystems, components, structures, or humans.

(c) [Reserved]

(d) Parts, components, accessories, attachments, associated equipment, and production, testing, and inspection equipment and tooling, specially designed for the articles in paragraph (b) of this category.

(e) Technical data (*see* § 120.10 of this subchapter) and defense services (*see* § 120.9 of this subchapter) directly related to the defense articles enumerated in paragraph (b) of this category. (*See* § 123.20 of this subchapter for nuclear related controls.)

(f)–(w) [Reserved]

(x) Commodities, software, and technical data subject to the EAR (*see* § 120.42 of this subchapter) used in or with defense articles controlled in this category.

NOTE TO PARAGRAPH (X): Use of this paragraph is limited to license applications for defense articles controlled in this category where the purchase documentation includes commodities, software, or technical data subject to the EAR (*see* § 123.1(b) of this subchapter).

* * * * *

§ 121.2 Interpretations of the U.S. Munitions List.

The following interpretations explain and amplify the terms used in § 121.1 of this subchapter. These interpretations have the same force as if they were a part of the U.S. Munitions List category to which they refer.

[78 FR 22758, Apr. 16, 2013; 78 FR 61755, Oct. 3, 2013]

§ 121.3 Aircraft.

(a) In USML Category VIII, except as described in paragraph (b) below, “aircraft” means aircraft that:

(1) Are U.S.-origin aircraft that bear an original military designation of A, B, E, F, K, M, P, R, or S;

(2) Are foreign-origin aircraft specially designed to provide functions equivalent to those of the aircraft listed in paragraph (a)(1) of this section;

(3) Are armed or are specially designed to be used as a platform to deliver munitions or otherwise destroy targets (e.g., firing lasers, launching rockets, firing missiles, dropping bombs, or strafing);

(4) Are strategic airlift aircraft with a roll-on/roll-off ramp and capable of airlifting payloads over 35,000 lbs to ranges over 2,000 nm without being refueled in-flight into short or unimproved airfields;

(5) Are capable of being refueled in-flight;

(6) Incorporate any mission system controlled under this subchapter. “Mission system” is defined as a system (*see* § 121.8(g) of this subchapter) that is a defense article that performs specific military functions beyond airworthiness, such as by providing military communication, radar, active missile counter measures, target designation, surveillance, or sensor capabilities; or

(7) Are Optionally Piloted Vehicles (OPV) (*i.e.*, aircraft specially designed to operate with and without a pilot physically located in the aircraft).

(b) Aircraft specially designed for military applications that are not identified in paragraph (a) of this section are subject to the EAR and classified as ECCN 9A610, including any unarmed military aircraft, regardless of origin or designation, manufactured prior to 1956 and unmodified since manufacture. Modifications made to incorporate safety of flight features or other FAA or NTSB modifications such as transponders and air data recorders are considered “unmodified” for the purposes of this paragraph.

[78 FR 22758, Apr. 16, 2013; 78 FR 61755, Oct. 3, 2013]

§ 121.4 Ground vehicles.

(a) In USML Category VII, “ground vehicles” are those, whether manned or unmanned, that:

(1) Are armed or are specially designed to be used as a platform to deliver munitions or otherwise destroy or incapacitate targets (e.g., firing lasers, launching rockets, firing missiles, firing mortars, firing artillery rounds, or firing other ammunition greater than .50 caliber);

§ 121.5

(2) Are armored support vehicles capable of off-road or amphibious use specially designed to transport or deploy personnel or materiel, or to move with other vehicles over land in close support of combat vehicles or troops (e.g., personnel carriers, resupply vehicles, combat engineer vehicles, recovery vehicles, reconnaissance vehicles, bridge launching vehicles, ambulances, and command and control vehicles); or

(3) Incorporate any “mission systems” controlled under this subchapter. “Mission systems” are defined as “systems” (see §121.8(g) of this subchapter) that are defense articles that perform specific military functions, such as by providing military communication, target designation, surveillance, target detection, or sensor capabilities.

NOTE 1 TO PARAGRAPH (A): Armored ground vehicles are (i) ground vehicles that have integrated, fully armored hulls or cabs, or (ii) ground vehicles on which add-on armor has been installed to provide ballistic protection to level III (National Institute of Justice Standard 0108.01, September 1985) or better. Armored vehicles do not include those that are merely capable of being equipped with add-on armor.

NOTE 2 TO PARAGRAPH (A): Ground vehicles include any vehicle meeting the definitions or control parameters regardless of the surface (e.g., highway, off-road, rail) upon which the vehicle is designed to operate.

(b) Ground vehicles specially designed for military applications that are not identified in paragraph (a) of this section are subject to the EAR under ECCN 0A606, including any unarmed ground vehicles, regardless of origin or designation, manufactured prior to 1956 and unmodified since 1955. Modifications made to incorporate safety features required by law, are cosmetic (e.g., different paint, repositioning of bolt holes), or that add parts or components otherwise available prior to 1956 are considered “unmodified” for the purposes of this paragraph. ECCN 0A606 also includes unarmed vehicles derived from otherwise EAR99 civilian vehicles that have been modified or otherwise fitted with materials to provide ballistic protection, including protection to level III (National Institute of Justice Standard 0108.01, September 1985) or better and

22 CFR Ch. I (4–1–14 Edition)

that do not have reactive or electromagnetic armor.

[78 FR 40932, July 8, 2013]

§ 121.5 Apparatus and devices under Category IV(c).

Category IV includes but is not limited to the following: Fuzes and components specifically designed, modified or configured for items listed in that category, bomb racks and shackles, bomb shackle release units, bomb ejectors, torpedo tubes, torpedo and guided missile boosters, guidance systems equipment and parts, launching racks and projectors, pistols (exploders), ignitors, fuze arming devices, intervalometers, thermal batteries, hardened missile launching facilities, guided missile launchers and specialized handling equipment, including transporters, cranes and lifts designed to handle articles in paragraphs (a) and (b) of this category for preparation and launch from fixed and mobile sites. The equipment in this category includes robots, robot controllers and robot end-effectors specially designed or modified for military applications.

EFFECTIVE DATE NOTE: At 79 FR 46, Jan. 2, 2014, §121.5 was removed and reserved, effective July 1, 2014.

§§ 121.6–121.7 [Reserved]

§ 121.8 End-items, components, accessories, attachments, parts, firmware, software, and systems.

(a) An *end-item* is an assembled article ready for its intended use. Only ammunition, fuel or another energy source is required to place it in an operating state.

(b) A *component* is an item which is useful only when used in conjunction with an end-item. A major component includes any assembled element which forms a portion of an end-item without which the end-item is inoperable. (EXAMPLE: Airframes, tail sections, transmissions, tank treads, hulls, etc.) A minor component includes any assembled element of a major component.

(c) *Accessories* and *attachments* are associated equipment for any component, end-item or system, and which are not necessary for their operation, but